

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date:  
March 20, 2003 (20.03.2003)

PCT

(10) International Publication Number:  
**WO 03/022873 A1**

(51) International Patent Classification<sup>7</sup>: C07K 7/06,  
A61K 38/04

(21) International Application Number:  
PCT/EP02/10137

(22) International Filing Date:  
September 10, 2002 (10.09.2002)

(25) Filing Language: German

(26) Publication Language: German

(30) Priority Data:  
101 44 340.4 September 10, 2001 (10.09.2001) DE  
101 46 632.3 September 21, 2001 (21.09.2001) DE  
101 49 678.8 October 9, 2001 (09.10.2001) DE  
101 56 995.5 November 21, 2001 (21.11.2001) DE  
102 00 666.0 January 10, 2002 (10.01.2002) DE

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(81) Designated States (*national*): AE, AG, AL,  
AM, AT, AU, AZ, BA, BB, BG, BR, BY,  
BZ, CA, CH, CN, CO, CR, CU, CZ, DK,  
DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG,  
KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV,  
MA, MD, MG, MK, MN, MW, MX, MZ,  
NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE,  
SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,  
UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (*regional*): ARIPO Patent  
(GH, GM, KE, LS, MW, MZ, SD, SL, SZ,  
TZ, UG, ZM, ZW), Eurasian Patent (AM,  
AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European Patent (AT, BE, BG, CH, CY, CZ,  
DE, DK, EE, ES, FI, FR, GB, GR, IE, IT,  
LU, MC, NL, PT, SE, SK, TR), OAPI  
Patent (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

**Published:**

- With an international search report.
- Before the expiration of the time limit for  
amending the claims and to be republished in  
the event of the receipt of amendments.

For the two-letter codes and other abbreviations, refer  
to the "Guidance Notes on Codes and Abbreviations"  
at the beginning of each regular issue of the PCT  
Gazette.

(54) Title: ORGANIC COMPOUNDS WITH BIOLOGICAL ACTIVITY AS THROMBIN  
INHIBITORS AND USE THEREOF

(57) Abstract: The invention relates to biologically active molecules, interacting with thrombin and inhibiting the same. The invention particularly relates to molecules of general formula (I):  $Y^1-(NH-X^1-C=O)-(NH-X^2-C=O)-(NH-X^3-C=O)-(NH-X^4-C=O)-(NH-X^5-C=O)-(NH-X^6-C=O)-Y^2$ , in which  $Y^1$ ,  $Y^2$  and  $X^{1-6}$  have the meanings given in the description, N- or C-terminal shortened variants of said compounds and the use thereof for the production of medicaments.